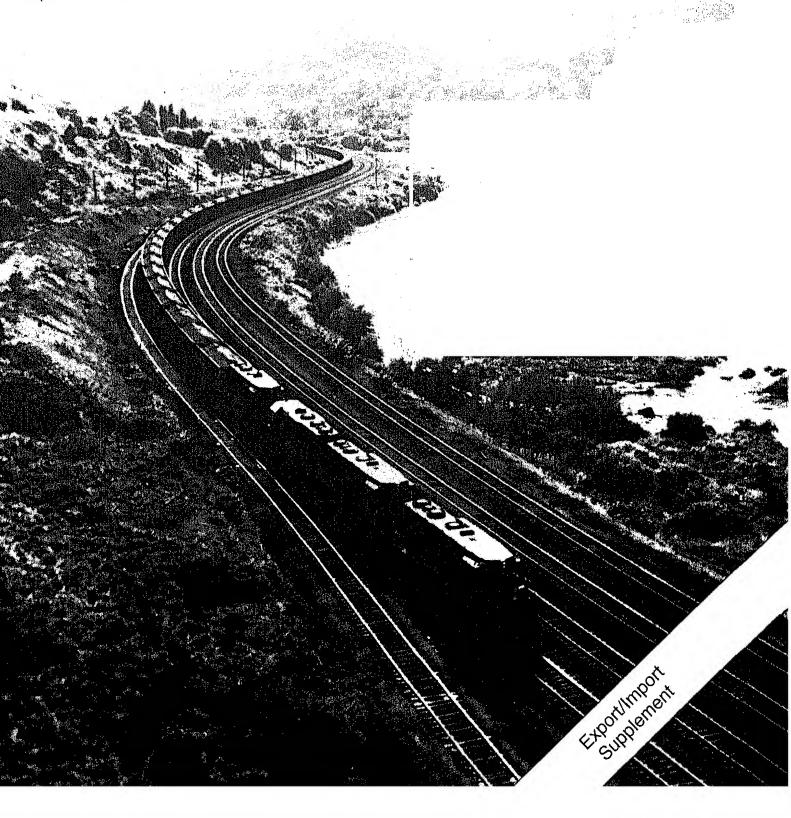
Weekly Coal Production

Production for Week Ended: September 28, 1991





Preface

The Weekly Coal Production (WCP) provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 through 1990 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. Weekly Coal Production is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly Coal Distribution, the Quarterly Coal Report, Coal Production 1990, and Coal Data: A Reference.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Pauli and Noel C. Balthasar, Chief, Data Systems Branch. Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at 202/586-8800.

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

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Summary

U.S. coal production in the week ended September 28, 1991, as estimated by the Energy Information Administration, totaled 20 million short tons. This was about the same as in the previous week and in the comparable week in 1990. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 8 million short tons.

U.S. coal exports in July 1991 totaled 10 million short tons, about 10 percent more than in July 1990. Total coal exports from January through July 1991 were 59 million short tons, slightly less than in the same period in 1990. The value of U.S. coal exports in the first 7 months of 1991 was \$2.5 billion, based on an average price of \$43.29 per short ton.

Steam coal exports for January through July 1991 were 22 million short tons, almost the same as a year earlier. The amount exported to Canada was 56 percent lower than in the first 7 months of 1990. By

contrast, steam coal exports to most European destinations were higher than a year ago. The largest tonnage increases were to the Netherlands and Italy. In Asia, a rise in steam coal exports to Japan offset a decrease in shipments to Taiwan.

Metallurgical coal exports in the first 7 months of 1991 totaled 37 million short tons, slightly below the amount in the corresponding period in 1990. The largest tonnage increases were to the United Kingdom and Brazil. The largest tonnage decreases were to Italy, Japan, and Romania.

U.S. coal imports from January through July 1991 totaled 2 million short tons. This was 25 percent more than in the same period in 1990. About 54 percent of the imported coal was from Colombia. Canada and Venezuela accounted for most of the balance. Based on an average price of \$34.02 per short ton, total coal imports during the first 7 months of 1991 were valued at \$69 million.

Figure 1. Coal Production

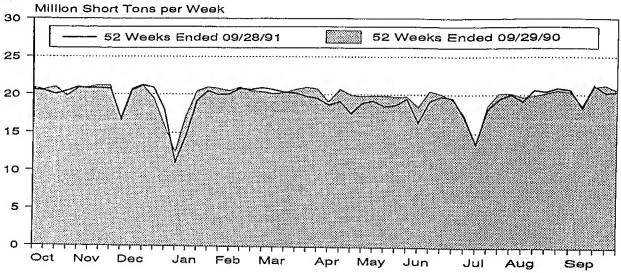


Table 1. Coal Production

	Week Ended			52 Weeks Ended		
Production and Carloadings	09/28/91	09/21/91	09/29/90	09/28/91	09/29/90	Percent Change
Production (Thousand Short Tons)						
Bituminous Coal and Lignite Pennsylvania Anthracite U.S. Total	20,388 56 20,444	20,194 51 20,244	20,509 80 20,589	1,002,278 2,880 1,005,157	1,021,212 3,483 1,024,694	-1.9 -17.3 -1.9
Railroad Cars Loaded	133,384	132,021	134,716	6,508,832	6,643,534	-113

Includes subbituminous coal.

Notes: 1991 data are preliminary. Totals may not equal sum of components because of independent rounding. Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency

Table 2. Coal Production by State (Thousand Short Tons)

-		Week Ended	
Region and State	09/28/91	09/21/91	09/29/90
Bituminous Coal and Lignite			
East of the Mississippi	12,345	12,258	12,733
Alabama	555	525	527
lilinois	1,226	1,263	1,123
Indiana	842	778	667
Kentucky	3,168	3,177	
Kentucky, Eastern	2,438	2,507	3,551
Kentucky, Western	730	670	2,686
Maryland	69	70	865
Ohio	685	• •	72
Pennsylvania Bituminous	1,496	682	732
Tennessee	115	1,392	1,407
Virginia	911	120	128
West Virginia		949	958
riot rigina i	3,278	3,301	3,568
West of the Mississippi	8,043	7.000	
Alaska	28	7,936	7,776
Arizona	231	28	_29
Arkansas	1	229	230
California	1	1	2
Colorado	-	•	3
lows	39 <u>7</u>	389	330
lowa	7	7	8
Kansas	15	15	14
	65	69	84
Missouri	_48	48	49
Montana	722	722	647
New Mexico	561	500	552
North Dakota	555	555	539
Oklahoma	34	33	31
Texas ,	1,244	1,231	1,189
Utah	443	440	363
Washington	89	89	11
Wyoming	3,603	3,582	3,1
ituminous Coal ¹ and Lignite Total .	20,388	20,194	
ennsylvania Anthracite	56	20,194 51	20
	55	91	
.S. Total	20,444	20,244	

¹Includes subbituminous coal.

^{*}Less than 0.5 thousand short tons.,
Notes: 1991 data are preliminary. Totals may not equal sum of components because of independent rounding.
Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Exports and Imports, 1982-1991 (Thousand Short Tons and Dollars per Short Ton)

				Imports				
	Metall	urgical	Ste	am¹	To	tal		_
Year and Month	Quantity	Average Price ²	Quantity	Average Price ²	Quantity	Average Price ²	Quantity	Average Price
1982	64,585	\$61.07	41,692	\$49.11	106,277	\$56.37	742	\$30.40
1983	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984	56,975	52.41	24,508	46,77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47,81	30,541	42.60	85,518	45.95		
1987	•		•				2,212	36.02
	51,679	44.49	27,928	39,60	79,607	42.77	1,747	32.04
988	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29,96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36,14
February	5,298 6.163	44.32	1,450	37.14	6,748	42.78	131	31.89
April	6,061	44.17 44.08	2,212 3.042	36.98 38.46	8,375	42.27	334	33,86
May	6,303	45.40	3,381	37.40	9,104 9,685	42.20 42.61	158 312	31,46
June	5,598	45.82	4,059	38.14	9,657	42.59	218	32,19 39,04
July	3,881	45,77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33,64
October	5,922	45,50	3,371	37.97	9,293	42.77	160	33,20
November	6,026	45.81	3,743	38.05	9,768	42.84	245	31.54
Total	4,710 65,128	45,65 45,19	3,179 35,687	37,66 37,64	7,888	42.43	303	35.09
	00,.20	40.10	03,007	37.04	100,815	42.52	2,851	34.14
990	4.004							
January	4,901 4.381	45.72	2,547	37.29	7,447	42.84	175	33.01
March	6,254	45.92 45.78	1,862 2,439	36,36	6,243	43.07	268	35,91
April	4,754	45.95	3,836	38.36 38.60	8,693	43.70	292	35.54
May	5,643	46.81	4,184	36.50	8,590 9,827	42.67 42.42	182	31.45
June	5,699	46.35	3,616	36.35	9,316	42.42	144 348	34.08
July	5,495	46.82	3,698	35,69	9,194	42.34	200	34.65 29.58
August	5,598	46.59	4,467	37.57	10,065	42.59	120	35.72
September	5,567	46.70	4,671	35.89	10,238	41.76	194	32.31
October	4,471 5,805	47.06	4,286	36.41	8,756	41.85	284	41.32
December	4,890	46.42 48.07	3,816	36,88	9,621	42.63	224	32.86
Total	63,459	46.51	2,923 42,34 5	36.32	7,813	43.67	268	33,40
991	,	40,01	42,040	36,81	105,804	42.63	2,699	34,45
January	0.050	.~						
February	3,853 6,113	47.87	2,361	36.82	6,214	43.67	263	32.36
March	5,178	47.14 47.69	2,013	39,67	8,127	45.29	429	34.87
April	4,773	46.45	2,799 2,145	38,80	7,977	44.57	246	33,12
May	6,442	46.72	2,145 3,576	39.17 37.56	6,917	44.19	198	32.09
June	4,838	45,53	4.441	37.56 37.18	10,018 9,278	43.45	248	39.50
July	5,485	45,05	4,614	36.78	9,278 10,099	41.54 41.27	284	32.07
991 Year to Date	36,681	46.61				41.27	348	33.66
990 Year to Date	37,128	46.21	21,950	37.75	58,631	43.29	2,016	34.02
	,,	70.21	22,182	36.99	59,310	42.76	1,609	33,80

Includes bituminous, subbituminous, lignite, and anthracite.
Average price of all coal exports in this category.
Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522" and "Monthly Report IM 145."

Table 4. Coal Exports, July 1991 (Short Tons)

					Year to Date			
Continent and Country of Destination	July 1991	June 1991	July 1990	1991	1990	Percent Change		
North America Total	1,505,162	1,317,919	1,727,662	4,283,306	7,646,685	-44.0		
Canada'	1,483,859	1,313,445	1,678,159	4,182,974	7,502,897	-44.2		
Dominican Republic	_	•	764	37,730	41,251			
Jamaica	18,048		17.877	36,503	34,127	-8.5		
Mexico	3,255	2,974	30,580	24,377	65.918	7.0		
Other ²	•	1,500	282	1,722	2,492	-63.0 -30.9		
South America Total	793,035	596,003	530,502		·			
Argentina	66,502	68,272	35,365	4,360,739	3,923,371	11.1		
Brazil	689,320	526,186		269,256	326,477	-17.5		
Chile	29,628	520,100	483,660	3,930,073	3,318,330	18,4		
Other ²	7,585	4 5 4 5	44 4777	134,958	248,064	-45,6		
	7,565	1,545	11,477	26,452	30,500	-13,3		
Europe Total	5,454,326	5,421,606	4,896,810	36,291,396	33,817,287	7.3		
Albania		-	21, 6 76	90,058	92,900	-3.1		
Belgium & Luxembourg	213,070	861,261	776,230	4,390,602	5,033,487	-12.8		
Bulgaria	77,879	137,713	-	564,256	87,955	NM		
Denmark	589,850	134,506	324,918	2,101,251	1,589,428	32.2		
Finland	29,108			189,260	48,616	289.3		
France	924,044	550,393	457,163	4,291,510	4,661,727	-7.9		
Ireland	99,769	101,426	160,052	704,505	861,932	-7. 9 -18.3		
Italy	983,766	1.188.331	791,333	6,829,715	6,837,259			
Netherlands	959,750	469,522	638,480	5,548,449	4,282,246	1 29.6		
Norway	4,901	78,118	17,756	131,190				
Portugal	119,366	221,878	295,687	841,031	110,233	19.0		
Homania	72,744	128,354	70,807	866,211	978,832	-14.1		
Spain	377,616	349,341	339,404		1,314,975	-34.1		
Sweden	84,016	83,966	83,973	2,781,174	2,154,619	29.1		
Turkey	113,601	83,832		551,111	339,557	62.3		
United Kingdom	679,360	534,050	419,629	1,211,273	1,465,819	-17.4		
Germany, FR	37,154		238,299	3,862,138	2,637,934	46.4		
Yugoslavia	79,905	317,984	105,757	639,422	690,828	-7.4		
Other ²		180,931	149,494	674,055	594,993	13.3		
	8,427	•	6,152	24,185	33,947	-28.8		
Asia Total	2,032,137	1,803,298	1,813,982	12,412,304	12,742,389	-2.6		
China (Taiwan)	508,442	343,594	400,147	2,277,031	3,013,437	-24.4		
Hong Kong		114,316		342,703	0,010,407			
Israel	139,852	134,602	88,222	407,639	430,761	-5.4		
Japan	1,071,263	984,188	965,820	7,187,016	7.032.046			
Korea, Republic of	312,559	226,598	359,793	2,189,083	2,264,826	2.2		
Other	21	*		8,832	1,319	-3,3 NM		
Oceania & Australia Total	•	•	•	75	742	-89.9		
Africa Total	314,336	139,580	224,836	1,283,116				
Algeria	62,570	,	44,011	302,229	1,179,157	8.8		
Egypt	103,874	51,843	48,194		200,620	50,6		
Morocco	147,892	87,737	77,475	351,603 560,400	394,281	-10.8		
Other ²		07,707	55,156	560,499 68 785	529,100	5,9		
Total	10,098,996	0.070.406		68,785	55,1 <i>5</i> 6	24.7		
	10,030,330	9,278,406	9,193,792	58,630 ,936	59,309,631	-1.1		

NMPercent change calculation not meaningful as value is greater than 500.

Based on the U.S.—Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 5. Average Price of Coal Exports, July 1991 (Dollars per Short Ton)

					Year to Date	
Continent and Country of Destination	July 1991	June 1991	July 1990	1991	1990	Percen Change
North America Total	\$34.51	\$33.05	\$33,73	\$34,55	\$33.34	0.0
Canada ¹	34,53	33.03	33.64	34.51	33,27	3.6
Dominican Republic			39.99	39,12	36.45	3.7
Jamaica	33,29		30.57	33.46		7.3
Mexico	34.59	37.92	40.23	39.18	30.57	9.4
Other	•	34.49	35.05	34.47	40.80 37.85	-4.0
South America Total	45.73					-8.9
Argentina		45,92	47.36	46.48	45.66	1.8
Brazil	45.15	45.27	46.86	46.04	44,29	3.9
Chile	45.73	46.00	47,69	46,82	46,45	.8
Chile	49.78	•	-	39.48	37.00	6.7
Other ²	34.48	•	34.98	34.66	35.87	-3.4
Europe Total	42.60	42.37	43.23	42.00		
Albania		74,07	40.20	43.80	43.88	2
Belgium & Luxembourg	36.32	43.24	40.00	46.27	48.38	-4.4
Bulgaria	43.34		42.96	45.13	44.33	1.8
Denmark		41.54	•	42,54	49.24	-13.6
Finland	34.84	29.48	34.56	34.00	34,52	-1.5
France	46.30	•	-	46.54	45.72	1.8
Ireland	38,31	38.53	43.45	41.83	42.46	-1.5
Italy	37.19	37.19	39,17	39.31	38,35	2.5
Italy	46.40	44.20	45,80	45.34	44.98	
Netherlands	42.48	44,48	42.60	42.91	42,89	.8
Norway		32.11	12,00	32.11	42.09	-
Portugal	43.78	40.41	39.62	40.93	44.05	
Romania	45.01	42.64	20.02		41.05	3
Spain	48,15	38.69	40.00	46.13	48.07	-4.0
Sweden	49.06	48.98	40.06	44.78	46.20	-3.1
Turkey	46.76		49.75	47.93	48.82	-1.8
United Kingdom	46.52	46.75	46.99	47.15	46,02	2.4
Germany, FR		45,85	49.21	46.88	47.64	-1.6
Yugoslavia	30.87	40.18	32,77	41.44	40.50	2.3
Other	47.36	47.36	46.98	47.77	45.65	4.6
	40.83	•		40.78	39,97	2.0
sia Total	41.84	43.11	43,88	40.40		
Unina (Talwan)	41.76	43.07	40.05	43.40	43.03	.9
riong Kong		38.03	40.00	41.56	38.40	8.2
Israel ,	34.52	41.49		39.23	•	•
Japan	41.83	43.58	36.51	38.93	38.78	.4
Norea, Republic of	45.27		45.11	43.65	44.29	-1.4
Other ²	40.27	44.64	46.63	45.98	46.18	4
ceania & Australia Total	•	•	•	40.54	39.64	2.3
	•	•	•	•	36.85	
frica Total	40.00	36.47	39.26	40.50		
Algena	46.27	4	47.80	40.50	38.54	5.1
⊑gyρι	45.54	45.54	46.45	46.64	46.36	,6
MOTOCCO	33.45	31.12		45.90	45.73	4
Other ²	-	31.12	29.94	33.42	31.07	7.6
otal	44 E0			49.25	•	•
S. Total ³	41.58	41.49	41.68	43.23	42.36	2.1
	41.27	41,54	42.34	43.29	42.76	1.2

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

^{*}For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Based on the U.S.—Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metalturgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

*Includes countries with exports less than or equal to 50,000 short tons in 1990.

*Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census U.S. Department of Commerce therethe Research and the provided monthly by the Canadian government. For this reason the quantity and value in the canadian government. For this reason the quantity and value is a function of the constant of the con

Table 6. Steam Coal Exports, July 1991 (Short Tons)

					Year to Date	
Continent and Country of Destination	July 1991	June 1991	July 1990	1991	1990	Percent Change
North America Total	774,351	765,670	1,021,348	2,419,410	5,395,417	-55.2
Canada'	753,048	761,256	971,845	2,319,160	5,251,844	-55.8
Dominican Republic	•	•	764	37,730	41,251	-8.5
Jamaica	18,048		17,877	36,503	34,127	7.0
Mexico	3,255	2,914	30,580	24,317	65.918	-63.1
Other ²	•	1,500	282	1,700	2,277	-25.3
South America Total	78,537	1,545	11,477	209,542	310,627	-32,5
Argentina	•		,	771	010,027	-02,0
Brazii , , , , , , , , , , , , , , , , , ,	70,952		_	76.989	86.697	-11.2
Chile			_	105,330	193,430	
Other ²	7,585	1,545	11,477	26,452		-45.5
			11,477	20,452	30,500	-13,3
Europe Total	2,547,602	2,701,249	2,015,168	13,891,462	11,442,032	21.4
Belgium & Luxembourg	213,070	287,011	413,229	1,033,802	1,541,108	-32.9
Bulgaria	•	•	•		39.065	
Denmark	510,740	134,506	324,918	1,865,713	1,533,856	21,6
Finland	•	•		216	.,,	
France	398,522	332,452	71,583	1,247,497	1,464,951	-14.8
Ireland	99,769	101,426	160,052	704,505	861,932	-18.3
Italy	350,355	727,799	321,229	3,296,750	2,455,518	34.3
Netherlands	564,304	259,873	296,090	2,948,506	2,015,493	46.3
Norway	•	65,206	17.756	78,720	54,841	43.5
Portugal	80,612	221,878	295,687	766,730	759.710	43.5
Romania		70.715		70,715	700,710	.9
Spain	66,711	193,099	242	632,779	114,973	450.4
Sweden	-	,	-76	8,048	114,973	450.4
Turkey		139	8,625	299	40.040	•
United Kingdom	225,906	81,503	0,023	836,675	16,643	-98,2
Germany, FR	37,154	150,400	105,757		355,522	135,3
Yugoslavia	01,104	75,242	100,707	284,520	209,102	36,1
Other ²	459	10,242	•	109,954	8,175	NM
	400	•	•	6,033	11,143	-45.9
Asia Total	1,090,709	884,703	573,023	4,969,152	4,503,302	10.3
Onina (Taiwan)	435,385	343,594	285,581	2,035,439	2,692,067	-24.4
Hong Kong		114,316	,	342,703	2,032,007	-24,4
Israel	139,852	102,537	88,222	375.574	430,761	-12.8
Japan	428,225	237,263	113,317	1,704,828		
Korea, Republic of	87,226	86,993	85,903	501.776	974,846	74.9
Other ²	21		-	8,832	404,309 1,319	24.1 NM
Oceania & Australia Total	•		_	75	•	
Africa Total	122,622	07 70 7	77 472		742	-89.9
Egypt	1 22,022	87,737 -	77,475	459,987	52	
Morocco	122,622	87,737	77,475	459,987		
Total	4,613,821	4,440,904	3,698,491	21,949,628		

and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

MPercent change calculation not meaningful as value is greater than 500.

*Based on the U.S.—Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerc U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical *Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding. Steam coal includes bitually applicable.

Table 7. Average Price of Steam Coal Exports, July 1991 (Dollars per Short Ton)

					Year to Date	
Continent and Country of Destination	July 1991	June 1991	July 1990	1991	1990	Percent Change
North America Total	\$29.28	\$28,24	\$29.53	\$30.29	\$31.35	-3.4
Canada¹	29.11	28.17	29.15	30.01	31.21	-3.8
Dominican Republic	•		39.99	39.12	36.45	7.3
Jamaica	33.29	-	30.57	33,46	30.57	9.4
Mexico	34.59	37.92	40.23	39,18	40.80	-4.0
Other ²	•	34.49	35,05	34.47	35.46	-2.8
South America Total	42.30	•	34.98	38.64	37.37	3.4
Argentina	-	•	•	34,45	•	-
Brazil	43.13	-	-	43.13	42,44	1,6
Chile	•	-	-	36,58	35,40	3.3
Other ²	34.48	-	34.98	34.66	35.87	-3,4
Europe Total	37.72	37.93	37.68	38.37	38.29	.2
Belgium & Luxembourg	36,32	37.17	38,11	36.96	37.20	6
Bulgaria		•	•		48.99	
Denmark	34.84	29.48	34.56	34.14	34.52	-1.1
Finland,		•	-	40.75	•	
France	31.30	37.07	38.92	34.57	37.75	-8.4
Ireland	37.19	37.19	39.17	39.31	38.35	2.5
Italy	43.30	41.69	40.74	41.72	40.37	3.3
Netherlands	39.16	42.27	35.86	39.36	38.47	2.3
Norway		32.11		32.11	-	4.0
Portugal	41.33	40.41	39.62	40.24	39,83	1.0
Romania		42.64		42.64	-	1.0
Spain	45.97	30.82	40.06	34.66	34.27	1,1
Sweden		-	,	41.64	04.27	1.1
Turkey	•	40.95	39.60	40,85	39.30	4.0
United Kingdom	42.19	34.44		39.81	44,33	-10.2
Germany, FR	30.87	30.72	32.77	32.11	35,55	-9.7
Yugoslavia	-	•	-	40.97	00,00	-9.7
Other ²	40.83	•	-	40.78	39.97	2.0
Asia Total	39.04	40.08	36.96	39.00	37.90	2.9
China (Taiwan)	40.89	43.07	37.02	40.93	37.35	9.6
Hong Kong		38.03	•	39.23	07,00	9,0
Israel	34.52	41.28	36,51	38.65	38.78	3
Japan	38.42	36.28	34.93	36.42	38.37	
Korea, Republic of	40.10	39.92	39.92	40.00		-5.1
Other ²		05.52	03,32	40.54	39.45	1.4
Oceania & Australia Total		_	•	40.54	39.64	2.3
Africa Total		-	-	•	36.85	4_4
Egypt	34.02	31.12	29.94	33.15	31.07	6.7
¹oracco	34.02	31.12		-	35.91	•
			29.94	33,15	31.07	6.7
*************	37.02	36.91	35.19	37.68	36.39	3.6
	36.78	37.18	35.69	37.75	36.99	2.1

the U.S.—Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on o Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value ountries with exports less than or equal to 50,000 short tons in 1990.

outries with exports less than or equal to 50,000 short tons in 1990.

If co of all steam coal exports,

If may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) verage prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 vely. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Ureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Metallurgical Coal Exports, July 1991 Table 8. (Short Tons)

					Year to Date	
Continent and Country of Destination	July 1991	June 1991	July 1990	1991	1990	Percent Change
North America Total	730,811	552,249	706,314	1,863,896	2,251,268	-17.2
Canada¹	730,811	552,189 60	706,314	1,863,814 60	2,251,053	-17.2
Other ²		-	-	22	215	-89,8
South America Total	714,498	594,458	519,025	4,151,197	3,612,744	14.9
Argentina	66,502	68,272	35,365	268,485	326,477	-17.8
Brazil	618,368	526,186	483,660	3,853,084	3,231,633	19.2
Chile	29,628	•		29,628	54,634	-45,8
Europe Total	2,906,724	2,720,357	2,881,642	22,399,934	22,375,255	.1
Albania			21,676	90.058	92,900	-3.1
Belgium & Luxembourg		574,250	363,001	3,356,800	3,492,379	-3.9
Bulgaria	77,879	137,713	000,001	564,256	48,890	NM
Denmark	79,110	101,110	•	235,538		
Finland	29,108	•	•		55,572	323,8
		017.044	005 500	189,044	48,616	288.9
France	525,522	217,941	385,580	3,044,013	3,196,776	-4.8
Italy	633,411	460,532	470,104	3,532,965	4,381,741	-19.4
Netherlands	395,446	209,649	342,390	2,599,943	2,266,753	14.7
Norway	4,901	12,912	•	52,470	55,392	-5.3
Portugal	38,754	•	-	74,301	219,122	-66.1
Romania	72,744	57,639	70,807	795,496	1,314,975	-39.5
Spain	310,905	156,242	339,162	2.148.395	2.039.646	5.3
Sweden	84,016	83,966	83,973	543,063	339,557	59.9
Turkey	113,601	83,693	411,004	1,210,974	1,449,176	-16.4
United Kingdom	453,454	452.547	238,299	3,025,463	2,282,412	32.6
Germany, FR	100,101	167.584	200,200	354,902	481,726	-26.3
Yugoslavia	79.905	105,689	149,494	564,101	586.818	-3.9
Other ²	7,968	100,000				
	,	•	6,152	18,152	22,804	-20.4
Asia Total	941,428	918,595	1,240,959	7,443,152	8,239,087	-9.7
China (Talwan)	73,057		114,566	241,592	321,370	-24.8
Israel		32,065	-	32,065	•	-
Japan	643,038	746,925	852,503	5,482,188	6,057,200	-9.5
Korea, Republic of	225,333	139,605	273,890	1,687,307	1,860,517	-9.3
Africa Total	191,714	51,843	147,361	823,129	649,627	26.7
Algeria	62,570	*	44,011	302,229	200,620	50.6
Egypt	103,874	51,843	48,194	351,603	393,851	-10.7
Morocco	25,270	-		100,512	-	10.7
Other ²	20,270	•	55,156	68,785	55,156	24.7
Total	5,485,175	4,837,502	5,495,301	36,681,308	37,127,981	-1.2

Percent change calculation not meaningful as value is greater than 500.

Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Comme U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For the for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical land steam and the quantity for coke are no longer strictly comparable to the historical land steam, and the quantity for coke are no longer strictly comparable to the historical land sountries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Average Price of Metallurgical Coal Exports, July 1991 (Dollars per Short Ton)

					Year to Date	
Continent and Country of Destination	July 1991	June 1991	July 1990	1991	1990	Percent Change
North America Total	\$38.25	\$37.95	\$39.61	\$38.83	\$37.85	2.6
Canada¹	38.25	37.95 -	39.61	38,83	37.85 49.93	2.6
South America Total	46.10	45.92	47,63	46.86	46.36	1.1
Argentina	45.15	45,27	46.86	46.07	44.29	4.0
Brazil	46.03	46.00	47.69	46.89	46.55	.7
Chile	49.78	•	•	49.78	48.84	1.9
Europe Total	47.03	46.61	47.76	47.26	46.89	.8
Albania		-	•	46,27	48.38	-4.4
Belgium & Luxembourg		46.27	48.48	47.64	47,50	.3
Bulgaria	43.34	41.54	•	42.54	49,44	-14,0
Denmark	•	•		30,75	•	•
Finland	46,30	•	•	46.55	45.72	1.8
France	43.62	40.03	44.29	44.54	44.62	2
Italy	48.11	48.17	49.26	48.73	47.57	2.4
Netherlands	47.22	47.21	48.44	46.92	46.82	.2
Portugal	48.90		•	48.11	45.29	6.2
Romania	45.01		-	46.55	48.07	-3.2
Spain	48.62	48.42	•	48.23	47.37	1.8
Sweden	49.06	48.98	49,75	48.02	48.82	-1.6
Turkey	46.76	46.76	47.15	47.15	46.07	2,3
United Kingdom	48.67	47.90	49.21	48.80	48.15	1.4
Germany, FR		48.68		48.88	43,59	12.1
Yugoslavia	47.36	47.36	46,98	47.77	45.65	4.6
Asia Total	45.08	46.02	47.07	46.34	45.86	1.0
China (Taiwan)	46.92	•	47.60	46.88	47.19	6
Israel	•	42,18	•	42.18	•	
Japan	44.11	45,90	46.47	45,90	45.24	1,5
Korea, Republic of	47.28	47.57	48.73	47.76	47.66	.2
Africa Total	43.82	45.54	47.09	44.94	45.90	-2,1
Algeria	46.27	-	47.80	46,64	46,36	.6
Egypt	45.54	45.54	46.45	45,90	45.74	.4
Moracco	30.71	•	•	34,61	-	-
Other ²		•	-	49,25	•	
Total	45.26	45.39	46.41	46.53	46.02	1.1
J.S. Total ³	45.05	45.53	46.82	46.61	46.21	.9

Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

Includes countries with exports less than or equal to 50,000 short tons in 1990.

Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of Independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Coal Exports by Customs District, July 1991 Table 10. (Short Tons)

Customs District	July 1991	June 1991	July 1990	Year to Date		
				1991	1990	Percent Change
Eastern Total	5,984,727 1,105,187	5,653,013 974,982	5,387,946 658,737 289	38,823,152 4,617,793	3 7,432,992 5,214,628 782	3.7 -11.4
Buffalo, NY New York City, NY Ogdensburg, NY Philadelphia, PA Norfolk, VA	157,376 184 5,614 33,102 4,683,186	141,062 251 1,069 34,320 4,501,329	18,261 1,161 223 324,769	318,090 2,423 14,449 433,640	45,371 4,739 9,286 1,663,366	NM -48.9 55.6 -73.9
St. Albans, VT	78	4,001,029	4,384,506	33,436,521 236	30,494,820	9,6 -
Southern Total	2,318,826 420,510	2,049,022 853,794	1,954,723 549,472	13,533,831 5,059,963	1 3,253,696 5,060,588	2.1
Miami, FL Tampa, FL New Orleans, LA	7,585 1,825,624	99 1,501 1,115,152	164 - 1,348,524	1,267 11,191 7,808,143	478 18,099 7,330,419	165.1 -38.2 6,5
Charleston, SC	60,868 69 984	59,370 - 16,132	17,496 9,095	549,986 69 80,877	715,025 68,841	-23.1 17.5
Laredo, TX	3,186	2,974	29,972	22,335	60,246	-62.9
Western Total Anchorage, AK Nogales, AZ	367,175 87,226	438,870 86,699	138,015 85,903	2,378,312 501,482	1,323,995 404,309 2,673	79.6 24.0
Los Angeles, CA	274,725 - -	316,455 31,171	608 43,422	1,644,323 1,599 32,240	791,164 2,999 99.336	107,8 -46,7 -67,5
Portland, OR	5,224	4,545	8,082	74,454 124,214	3,989 19,525	NM NM
Northern Total	1,427,255	1,136,105	1,710,824	3,852,611 108	7,281,545 8,682	-47.1 -98.8
Detroit, MI	64,299	33,904	350,747	100,549	2,929,735 29,851	-96.6
Pembina, ND	1,362,956	1,102,201	1,360,077	83 3,751,871 -	87 4,247,098 66,092	-4.6 -11.7
Total	10,098,996	9,278,406	9,193,792	58,630,936	59,309,631	-1.1

^{*}For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute number is less than 0.05 percent.

*MPercent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coke Exports, July 1991 (Short Tons)

Continent and Country of Destination	July 1991	June 1991	July 1990	Year to Date		
				1991	1990	Percent Change
North America Total	12,041 6.335	25,826 20,497	14,788 9,744	144,277 103.690	210,591 143,962	-31.5
Mexico	5,660	5,329	4,989	39,904	65,621	-28,0 -39,2
Other ²	46	•	55	683	1,008	-32.2
South America Total	8,486	48,036	-	118,081	46,331	154.9
Europe Total	•	25,214	6	70,927	33,665	110.7
Total	20,527	99,076	14,794	333,285	290,587	14.7

¹Based on the U.S.—Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Imports, July 1991 (Short Tons)

Continent and Country of Origin	July 1991	June 1991	July 1990	Year to Date		
				1991	1990	Percent Change
North America Total	58,798 58,798	115,528 115,528	100,626 100,626	518,361 518,361	604,992 598,788 6,204	-14.3 -13.4
South America Total	289,638 227,754 61,884	168,615 54,995 113,620	94,078 94,078	1,466,950 1,096,936 370,014	998,693 814,324 184,369	46.9 34.7 100.7
Europe Total Czechoslovakia Norway United Kingdom	•	6 6 -	5,261 - 46 5,215	6 6	5,261 46 5,215	-99,9 - - -
Asia Total	51 1 50	• •	•	51 1 50	•	•
Oceania & Australia Total	•	-	-	31,106 31,106	•	•
Total	348,487	284,149	199,965	2,016,474	1,608,946	25.3

Note: Total may not equal sum of components because of independent rounding. Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 13. Average Price of Coal Imports, July 1991 (Dollars per Short Ton)

Continent and Country of Origin	July 1991	June 1991	July 1990		Year to Date	
				1991	1990	Percent Change
North America Total	\$23.16 23.16	\$25.25 25.25	\$24.29 24.29	\$25.58 25.58	\$24.78 24.60 38.36	3.2 4.0
South America Total	35.08 33.16 42.14	33.96 35.64 33.15	33.62 33.62	35.17 33.64 39.70	37,99 37,33 40,89	-7.4 -9.9 -2.9
Europe Total	•	•	37.19 37.19		37.19 37.19	•
Oceania & Australia Total	•		•	37.97 37.97	:	:
Total	33,20 33,66	30.59 32.07	30.21 29.58	33.09 34.02	33.81 33.80	-2.1 .6

¹Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Coal Imports by Customs District, July 1991 (Short Tons)

Customs District		June 1991	July 1990		Year to Date	
	July 1991			1991	1990	Percent Change
Eastern Total Boston, MA Portland, ME Buffalo, NY Ogdensburg, NY Philadelphia, PA	59,044 24,718 - - - 34,326	- - - -	• • • •	238,431 48,855 119,941 134 69,501	249,690 99,723 115,011 69 45 34,842	-4.5 -51.0 4.3 94.2
Southern Total Tampa, FL New Orleans, LA Wilmington, NC San Juan, PR Houston-Galveston, TX Laredo, TX Virgin Islands	230,594 180,164 - 22,872 - 27,558	168,615 . 141,608 - - - - 27,007	99,339 94,078 - 46 - 5,215	1,228,653 1,015,460 17,090 - 102,957 11,023 - 82,123	794,207 610,787 46 141,129 5,215 6,204 30,826	54.7 66.3 -27.0 111.4 -166.4
Western Total Los Angeles, CA Honolulu, Hi Great Falls, MT Seattle, WA	3,240 3,190 50	6,225 877 5,324 24	4,382 - 4,382	88,158 877 31,106 46,557 9,618	56,150 30,183 25,967	57.0 - 54.2 -63.0
Northern Total Chicago, IL Detroit, MI Duluth, MN Pembina, ND	55,609 1	109,309 38,694 - - 70,615	96,244 33,131 - - 63,113	461,232 118,575 8 211 342,438	508,899 177,937 - 330,962	-9.4 -33.4 -
Total	348,487	284,149	199,965	2,016,474	1,608,946	25.3

Note: Total may not equal sum of components because of independent rounding. Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 15. Coke Imports, July 1991 (Short Tons)

Continent and Country of Origin	July 1991	June 1991	July 1990	Year to Date		
				1991	1990	Percent Change
North America Total	1,853 1,853	1,729 1,729	18,032 18,032	16,346 16,346	80,485 58,698 21,787	-79.7 -72.2
Europe Total	•	•	•	-	39,572 39,572	
Asia Total	88,672 88,672	42,884 42,884	8 3,172 83,172	422,905 422, 9 05	206,158 206,158	105.1 105.1
Oceania & Australia Total	47,571 47,571		44,029 44,029	143,972 143,972	1 34,475 134,475	7.1 7.1
Total	138,096	44,613	145,233	583,223	460,690	26.6

Note: Total may not equal sum of components because of independent rounding. Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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